Amendment to the Specification

In the description:

Please amend the paragraph beginning at page 15 line 14 as follows:

Fig. 10 is a block diagram showing a spatial sub-band split example using DMRs 1010 and CODECs 1020. In this example a Quad HD image stream (3840x2160x30frames/sec or 248MHz) is processed. The input motion image stream is segmented into color components by frames upon entering the configuration shown. The color components for a frame are in Y,Cb,Cr format 1030. The DMR ~~1110~~ 1010 performs spatial processing on the frames of the image stream and passes each frequency band to the appropriate CODEC for temporal processing. Since the chrominance components are only half-band (Cb, Cr) each component is processed using only a single DMR and two CODECs. The luminance component (Y) is first time-demultiplexed ~~1040~~ through a high speed demultiplexor 1040 operating at 2484MHz wherein even components are passed to a first DMR 1110A and odd components are passed to a second DMR 1110B. The DMR then uses a two dimensional convolver outputting four frequency components L,H,V,D (Low, High, Vertical, Diagonal). The DMR performs this task at the rate of 64MHz for an average frame. The DMRs 1010C,D that process the Cb and Cr components also use a two dimensional convolver (having different filter coefficients than that of the two dimensional convolver for the Y component) to obtain a frequency split of LH (Low High) and VD (Vertical Diagonal) for each component. The CODEC 1020 then process a component of the spatially divided frame. In the present example, the CODEC performs a temporal conversion over multiple frames. (Need additional disclosure on the temporal conversion process). It should be understood that the DMRs and the CODECs are fully symmetrical and can be used to encode and decode images.